



## FLYING CLUB WILL CLOSE DRIVE FOR NEW MEN TONIGHT

All Prospective Members Are Urged to Attend Meeting in Aero Building

PROGRAM STARTS AT 5

Student Members May Learn to Fly in Club Plane at Reduced Rates

All students of the Institute and especially Course XVI men are invited to attend the meeting of the Flying Club which will be held in Room 418 of the Aeronautical Building this afternoon at 5 o'clock. The program for the meeting has not yet been definitely decided upon but one of the Professors of the Aeronautical Engineering Department will be the principal speaker.

C. Brigham Allen '29, President of the Senior Class, and the various officers of the Club will be the other speakers on the program. The purpose of the Flying Club, its benefit to the students, and its future plans will be the subject matter of the speeches. The general topic for discussion will deal with aeronautics and its various branches.

Two weeks ago the first meeting of the Club was held. At that time the officers for the coming year were elected and plans for the further activities of the Club was started. At the same time a drive for new members was started. Tonight will be the last time in which those interested can join. The officers of the Club are particularly anxious that a large number of men turn out for the meeting. They feel that if a certain number of new men do not join today that the Flying Club will have to break up for this year. It will be unable to carry on the plans that have been formulated with such a small number of the men who have come back from last year.

Within a short time the Club plane will be in working order and may be flown by the student members of the organization. At present there are several members of the Club who are licensed pilots and these men will aid in teaching the new men to fly. By belonging to the Club the rental of the Plane may be secured at \$15 an hour whereas it would cost a great deal more to hire a regular commercial plane.

Last year the Flying Club was organized and at first was not recognized by the Institute Committee. (Continued on Page four)

## EXECUTIVE COUNCIL AWARDS NUMERALS

Claude F. Machen '31 Approved as Assistant Crew Manager

Plans were tentatively discussed for Sports Night and freshmen crew class numerals were awarded at a meeting of the M. I. T. A. A. in Walker, Monday at 5 o'clock.

Claude F. Machen '31 was approved as sophomore assistant crew manager for the season 1928-29.

The following men won their class numerals Captain Wolfgang M. Kloenne '32, Albert N. Dunning '32, Curtis D. Cummings '32, Alexander T. Covert '32, Philip S. Cook '32, Alexander C. Thompson '32, Edgar W. Schulenberg '32, John J. Loustaunau '32, Joseph Carbonell '32 and Thomas B. Rhines '32.

## DORM MEN ABOLISH EXECUTIVE BRANCH

Announcement has been made that the Dormitory Committee voted to abolish its Executive Committee at a meeting in the Committee Room Ware last Wednesday evening. It has been found that the business coming before the Dormitory Committee was not sufficiently voluminous to justify the separate existence of this subsidiary body.

Eligibility to play on the various dormitory teams was granted to all men living in the dormitories except those who are on the varsity squad in that particular sport. This means that all resident freshmen will be allowed to take part in these activities.

### Hoover Wins in T.C.A. Election

Technology men favor Hoover for the presidency. This was brought out at the T. C. A. election held yesterday. Hoover's appeal to the students must indeed be strong, when he wins the election on a ballot containing the name of Will Rogers. It had been predicted that Rogers would win by an overwhelming majority, but this forecast proved to be in error. Several candidates whose names were not on the ballot were voted for. The results at 5 o'clock yesterday afternoon when the polls closed were as follows:

Herb Hoover	366
Will Rogers	193
Al Smith	158
Bossy Gillis	8
Texas Guinan	4
King George	1
Mussolini	1
Norman Thomas	1
Wallie Ross	1
Professor Drisko	1
Professor Wiener	1
Flo Ziegfeld	1

## DR. HATFIELD TO SPEAK AT M.I.T.

Metallurgy of Steel and of Cast Iron Will be Subject of Three Lectures

Three lectures on the "Metallurgy of Steel and Cast Iron" will be given by the distinguished English metallurgist, Dr. William H. Hatfield, Director of the Brown-Firth Research Laboratories, at Sheffield, England, at the Institute tomorrow and Friday. The subjects of the lectures are: "Applications of Science to the Steel Industry" to be given in Room 4-370, tomorrow at 4 o'clock; "Rust and Acid Resisting Steels," in Room 4-370, Friday, November 9, 1928, at 4 o'clock; and "Cast Iron" in Room 5-330, on the same evening at 8 o'clock. All interested are cordially invited to attend.

**Dr. Hatfield Well Known Scientist**  
Dr. Hatfield received his Bachelor's, Master's, and Doctor's degrees from Sheffield University, England, and was Carnegie Scholar and Mappin Medalist. He is a member of numerous technical committees and societies and is the author of "Cast Iron in the Light of Recent Research" and of numerous other papers. Dr. Hatfield is now the director of the Brown-Firth Research Laboratory where he directs the work of forty men. The Brown-Firth Research Laboratories are at present working on the development of rust and acid resisting steels and other special steels, among which are heat resisting steels which are now used in power houses.

Dr. Hatfield is lecturing at the Institute at the invitation of Professor G. B. Waterhouse who was a classmate of his at Sheffield University and who is still a close friend.

### A. I. E. E. MEETING TO BE HELD ON FRIDAY

#### Opportunities in Electricity to be Discussed

Mr. O. W. Eshback, representing the communications field of the Bell Telephone Company will be the principal speaker at the meeting of the M. I. T. Branch of the American Institute of Electrical Engineers in the Faculty Room of Walker Memorial at 6 o'clock Friday evening.

This is the second of the talks on the electrical engineering opportunities in the Telephone Communications Service. The Bell Telephone system covers practically the whole field of communications in this country and at present is considered one of the most important branches of electrical engineering. At the same time representatives of the New York Telephone Company and the Bell Telephone Laboratories will be present to answer all questions pertaining to their respective organizations.

## BEAVER BASEBALL MAY BE DROPPED AS SPRING SPORT

Lack of Facilities and Interest Causes Advisory Council to Consider Change

### TO FORM INTERCLASS TEAM

Whether or not Beaver Basketball will be continued as usual next Spring was one of the main topics discussed at the meeting of the Advisory Council on Athletics at the Institute which was held in the Engineers Club of Boston last evening. It has been felt for a long time that it was not worthwhile to carry on the sport due to the lack of facilities and interest.

There were several arguments in favor of dropping the sport. One of these was the fact that it was a club activity and did not represent Technology as do the other sports. Then the lack of a suitable diamond has caused the teams to do without a great deal of practice and also without providing a good ball field for visiting teams. It is also felt that the interest in baseball has not been large enough to merit the carrying on of the team.

However, the Council does not feel that baseball should be abolished entirely at the Institute, instead of the Beaver Baseball team it is felt that inter fraternity and inter dormitory baseball should be encouraged and a regular league schedule carried out. Also, class teams could be organized and sponsored by the M. I. T. A. A. and more interest could be aroused and better spirit developed between the classes.

Paul Donahue, '28, was elected to act as the custodian of all athletic equipment of the Institute. At the same time the Council planned to arrange quarters if possible for the fencing team for practice purposes. It was brought up at the meeting and suggested that the Glove Fight in next years Field Day count 1 point while Football would count 4 points instead of 5. In addition plans for the Sports night might be held in December were discussed.

### Plan Dedication of New Infirmary

**Dr. Emerson, Health Center Head, Will be Speaker for Formal Opening**

Arrangements are now nearing completion for the dedication of the Homberg Memorial Infirmary in Room 10-250 on November 13. The plans are being made under the direction of Harry J. Carlson '92 who is assisted by a committee composed of Dr. George W. Morse, head of the Department of Hygiene, Colonel Frank L. Locke, '86, George L. Gilmore '90, and Dr. Allen W. Rowe '01.

Dr. Haven Emerson, a surgeon of international repute and a brother of Professor William Emerson, head of the Department of Architecture at Technology, will be the speaker of the occasion. Dr. Emerson is a Professor of Public Health at Columbia University, a Director of the Public Health Department at the School of Physicians and Surgeons, and head of a new health center in New York City. He has been associated with health work for the League of Nations and has made many city health surveys. The many articles which he has written are considered as authorities on health.

Bursar Horace S. Ford is in charge of the invitations and the printing of the program. It is expected that the arrangements will have been completed by tomorrow and the entire program will be announced at that time.

### AERO SOCIETY GLIDER UNDER CONSTRUCTION

Work on the glider of the Aeronautical Society is progressing rapidly and students are working on it several days during the week. The glider is being constructed in the Pattern Shop and the work is being done by the members of the Aeronautical Engineering Society.

## ANNUAL T.C.A. FINANCIAL DRIVE NETS OVER \$1500 DURING THE FIRST DAY

### HERBERT HOOVER WINS STRAW VOTE HELD YESTERDAY

Graph to be Posted in Lobby to Indicate Progress of Campaign

### FRATERNITIES COMPETE

Contributions amounting to \$1,540 were received during the first 24 hours of the annual T. C. A. Drive, according to an announcement received last night from the Technology Christian Association office. This amount is better than that subscribed during the previous year over the same length of time.

At a meeting of the drive men, \$413.50 was subscribed by 72 of those present averaging \$5.66 a person. One man, who is working his way through the Institute donated \$25.

According to returns students are supporting the "Tech in Turkey" project, and showing the Technology spirit in helping to make this project successful.

**Hoover Wins Straw Vote**  
Herbert Hoover won the T. C. A. straw vote which was held in the Main Lobby yesterday from 9 until 5 o'clock. Mr. Hoover received 366 votes, Mr. Rogers received 193 votes, Mr. Smith came third with 158 votes. The following men received from 1 to 8 votes: "Wallie" Ross, "Texas" Guinan, "Bossy" Gillis, Professor Drisko of the Physics Department, Professor Wiener of the Mathematics Department, "Flo" Ziegfeld, Mussolini and King George.

This straw ballot was given with the purpose of bringing the Drive before the students of the Institute, and was considered by its promoters to have been successful.

Last year, the undergraduates at the Institute averaged only \$0.70 per man, while Williams students averaged \$1.00, Amherst about \$4.50, Yale gave \$5.40 a man, and Dartmouth averaged over \$3.

Monday, nearly \$650 was subscribed by men at the fraternities and dormitories, Phi Beta Epsilon placing highest.

(Continued on Page four)

### TICKETS FOR SENIOR DANCE DISTRIBUTED

Will Hold Annual Affair at Rogers, November 16

Tickets for the annual Senior Dance will be distributed to Seniors only in the Main Lobby, today, tomorrow, and Friday, from 10 until 2 o'clock, according to an announcement received from Gordon K. Williams '29, chairman of the Dance Committee. The dance will be held in will be on sale in the Roger's Building, from 9 to 2 o'clock.

Arrangements have been made with the Techonians to supply the music for the evening. Refreshment tickets will be on sale in the Rogers Building, during the dance. The chaperones will be announced in a later issue of THE TECH.

### CALENDAR

**Wednesday, Nov. 7**  
9:00—T. C. A. drive begins.  
9:00-5:00—Freshman class elects officers.  
10:00-2:00—Senior Dance tickets go on sale in lobby.  
6:00—Mr. Rollins will speak to the Civil Engineering Society, Walker.

8:00—Mathematics Club will meet in the Faculty Room, Walker.

**Thursday, Nov. 8**  
3:00—Soccer game will be played with Harvard, Soldier's Field.

4:00—Dr. Hatfield will speak in 4-370.

**Friday, Nov. 9**  
4:00—Dr. Hatfield will speak in 4-370.

6:00—M. I. T. A. I. E. E. will meet in Faculty Room Walker.

8:00—Dr. Hatfield will speak in 5-330.

A Record of  
Continuous  
News Service  
for 47 years.



Official News  
Organ of the  
Undergraduates  
of M. I. T.

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## SO LITTLE — SO MUCH

OCCASIONALLY when one is walking along Massachusetts Avenue, he is stopped by a wizened old lady, who makes a plaintive request for "just a quarter, so I can get me a little meal. I'll repay you—I'll repay you in heaven" she assures the boys. But most of them think that that is a long chance, and the old woman is forced to try someone who feels himself more wealthy.

Now that the T.C.A. is holding its annual drive for funds, it is strange how many of the students regard in the same light donating money to this organization. They feel that a few demerits crossed off in the reckoning at the Pearly Gates is not worth the trouble, to speak figuratively. In reality, however, the two situations are not at all comparable—the T.C.A. does not need to hold out to its donors any spiritual reward, for it is doing all the time a work which warrants donations of large amounts from every student.

Those who have no need for the Employment Bureau little realize the immensely important function which this department performs. But those who have had occasion to avail themselves of the service it offers appreciate what this work involves. Last year nearly three hundred and sixty students were given employment—this group earned a total of some \$50,000. All sorts of jobs were found—running elevators, tutoring, chauffeuring, tending furnaces and so on—but in every case the department, acting as a middleman between the employer and employee, was able to satisfy both.

The freshman camp has always been sponsored by the T.C.A. This medium for establishing at the outset a unified and friendly relation among the members of the entering class was instigated three years ago, and its success has more than proved its worth.

About a year ago there was started the "Tech-in-Turkey" movement. Numerous articles in THE TECH recently have explained this expansion of the Institute, and have shown what very fine work Judson T. Biehle '27 is doing in the Near East. The movement was conceived by the T.C.A., and their budget increased that they might handle the wonderful work that is now being carried on. One-third of the year's expenses go to finance this project, which enjoys the support and acclamation of all the Institute authorities. Some of the undergraduates may scoff at the idea as a fantastic scheme for M.I.T. propaganda. But as Mr. Biehle pointed out in his letter, published in the issue of last Monday, Turkey is sure to become one of the most progressive of countries. Rapidly it is embracing advanced Western ideas, and that the T.C.A. has been instrumental in placing a man representing Technology on the "ground floor" of this advance in Near East civilization shows the splendid forethought which activates the organization.

In publishing each year the Freshman Handbook, the T.C.A. proves itself invaluable to the entering men. Throughout his years here, the student's life is constantly affected by the scope of work of the organization, in ways too numerous to mention.

Since the drive opened, several students have donated from twenty to fifty dollars apiece to the project. Why? Simply because they realize the value of the work the organization is doing. No such amounts are asked from every student here—one hundred percent response from the student body would mean only a small amount per man. Let's get behind this project! Perhaps it will mean a party postponed, but the T.C.A. asks so little and does so much. Give your small part, and contribute to this immense work!



Talking about the dirt that has been thrown around by one of the nation's greatest political parties during the recent campaign, in the Lounger's mind there is a group here at Tech that could outdo any political party in doing things that haven't ever been done before here at the Institute, and will never again be done by any crowd of Tech men who are Tech men in the true sense of the word.

Long have Institute politics been run solely on the recognized merits of the respective candidates. But here is a class, capable of winning Field Day, true enough, but who can't seem to revel at all upon the merits alone of their candidates for election, but who have to go to the limit of hanging funny placards with frosh names all over the crew and track house walls.

It makes the Lounger laugh, with his upper lip curling to beat hell. It must make some of these potential officers proud to feel that the class doesn't know them well enough to elect them without glaring publicity the like of which breaks all Institute custom. How's for doing things the way Technology does them, Frosh, without stooping to the cheapness of public politics?

Well, well; so Tillie didn't like the kindly efforts of the Managing Board to give her and themselves some well-taken publicity! The Lounger must apologize to the little lady—who said lady?—for the manhandling of her effigy, and hopes that she hasn't taken as great offence as would appear from her letter:

Newbury St.  
Nov. 5, 1928

\* \* \*

Dear Lounger:

Newbury St.  
Nov. 6, 1928

Dear Lounger:

I always did maintain that your paper was in the front rank of scurrilous news sheets, and was much addicted to garbling the facts, but your treatment of me has exceeded all previous bounds. I guess that dumb News Editor and his immediate superior the Managing Editor, are a couple of simple cookies, for they evidently thought that all my previous letters were fictitious, and written by some reporter on your honorable news organ. Well, the laugh is on them, and I am willing to bet they don't even know who the Lounger is—they don't—do they? Much less do they know, or does anyone else, who I am. I was there Field Day, and stayed through the whole business, and the silly freshmen were content to believe that I was that effigy that was raised on the flagpole.

I am deeply grieved and surprised that you should permit me to be so treated, by being hoisted up the pole in effigy, and I only wish you the same fate some day in person. You have spoiled all my previous good work, by apparently exposing me as an alleged fake and non-existent person, and I only wish now that I had signed my real name previously, so I could sue you. I know that you felt pretty concernt about that little trick, and hate yourself like everything. Well, I have got your number, and am convinced that you are no more to be trusted than any other man. I shouldn't even be surprised to hear that you originated all that "Sophomore" business and scared me half out of my wits. So, old prevaricator, look out for me from now on in anger, in the Coed.

If anyone ever wants to see something funny, the Lounger advises him to go up to the top floor of Walker sometime when old Honest Al Russell and his electrical cohorts are trying to clear the wires and cobwebs from their brains by bouncing a ball around the handball courts. The Lounger hopes that Al will never change his way of doing up his hair, as it looks too cute, caught up by that pretty little elastic bandeau he sports around when he's feeling athletic. As for handball, old as the Lounger is, he is pretty sure he could beat him even sitting on his hands.

The Lounger wishes to announce that in the future all those who would ask questions of Mr. Burnham of the Mechanical Engineering Drawing Department must line up on the right side of the doorway, toward the hall, so that those waiting an hour or so will not interfere with the traffic through the drawing rooms. It seems that the old deaf is so prolific with his old-maid gossip and red ink that not more than two an hour can finally work their way into his office. The Lounger would suggest that the good man might even better have a small lecture hall brought up into the room

## As We Like It

### COQUETTE

A drama of the old South with a rich southern flavor, but moderated for northern ears, is pleasantly reminiscent of days gone-by when the South boasted of its gentlemen and its pure womanhood.

Norma Besant, coquette, played by Helen Hayes now at the Wilbur, is the daughter of Dr. Besant who holds with the old chivalrous notion of women. "They are all pure and noble. But beautiful Norma is rather intelligent for one of her species and far more than her dear old dad, who does not sense her inward troubles. His code of honor though is inflexible to rational consideration of morals, and perhaps it is this feeling that turns him in his perplexity to his pistol which kills Michael Jeffery, the only man Norma ever loved. The southern temper far-famed for its intensity displayed itself admirably in the effective acting of Michael and Dr. Besant.

Splendidly presented, "Coquette," in spite of a time-worn story, rises to the heights of real entertainment through sheer excellent portrayal of character by its very capable players. We particularly enjoyed Betty Lee, the old-fashioned country girl; Michael with a temper that made his neck muscles bulge; Stanley, the gallant but unsuccessful lover; and of course Norma (Miss Hayes) who gave to the play a delightful touch of real southern life.

## Play Directory

### Stage

**COPLEY:** "The Bellamy Trial". It's actually leaving this week.

**HOLLIS:** "The Bachelor Father". Clever tale of illegitimacy.

**MAJESTIC:** "The Connecticut Yankee". Don't miss it.

**PLYMOUTH:** "The Silent House". How has it lasted this long?

**SHUBERT:** "The Red Robe". Good entertainment.

**WILBUR:** "Coquette". Best acting in town.

**REPERTORY:** "U. S. Incorporated". Deservedly popular.

**TREMONT:** "Blacbirds". Opens Thursday.

**ST. JAMES:** "Why Men Leave Home". Good acting, poor show.

**Screen**

**LOWE'S STATE:** "Napoleon". Another sour importation.

**METROPOLITAN:** "Varsity". If that's college life, give us Tech.

**MODERN and BEACON:** "The Perfect Crime". Clive Brook in more murder.

**OLYMPIA and FENWAY:** "The Singing Fool". Al Jolson does some great warbling.

**KEITH MEMORIAL:** "The Night Watch". If you like Billie Dove.

so that all might get an earful of the newest dirt without waiting.

Al Smith ought to feel pleased to know that in a school of thinking me as Tech is he got knocked off roundly by Will Rogers, not to mention Herbie himself. Why, even Wallie Ross with a few hundred more votes, could have licked him hands down.

## THE TECH BOOK LIST

### NEW BOOKS ADDED TO WALKER LIBRARY, OCTOBER, 1928

Babson—"Instincts and Emotions"

Benson—"Lucia in London"

Bibesco—"Catherine on Paris"

Brown—"The Hotel"

Bryd—"Skyward"

Burgess—"The Reserve Bank"

Cannon—"Red Rust"

Cortie—"The Rise of the House of Rothschild"

Curson—"The Life of Lord Curzon 2 volumes"

Cooper—"Latin American Markets"

De La Roche—"Jaina"

Drinkwater—"Oliver Cromwell"

Duhlap—"The Story of Radio"

Durant—"Transition"

Evarts—"The Moccasin Telegraph"

Foss—"The Heritage of Music"

Gosse—"Leaves and Fruit"

Grey—"The Charm of Birds"

Haggard—"Forlorn River"

About Health and Disease"

Jackson—"The New Germany"

Lewis—"The Man Who Knew Coolidge"

Leys—"After the Magellan"

Guthrie—"Parachute"

Ludwig—"Son of Man"

Lowell—"Count Luckner"

Masefield—"Midnight Folk"

McBride—"Towns and Profile of Modern Germany"

MacMillan—"Ethia and Beyond"

Morand—"The Living Buddha"

Osborn—"Creative Education"

Quinn—"A History of American Drama" 4 volumes

Sache—"The Radiant Story of Jesus"

Stimson—"American Policy in Nicaragua"

Sitwell—"Flowers and Elephants"

Tressler—"The Wealth of the Seas"

Weale—"Her Crossed Hands"

White—"Cloudy in the West"

Now a phonograph can read aloud to you—a full-length novel if you wish. An English concern has developed to record a whole novel on six-doubled faced, twelve-inch phonograph records. Each record "reads" to you for forty minutes, at normal speed. They are of greatest benefit to blind or sick persons.

Solely on the evidence of energy expended, a scientist has found that the average golfer in three rounds uses as many bodily forces as he would in ploughing one acre of ground. In playing the fifty-four holes he walks ten to twelve miles and makes an average, if he is a good golfer, of 95 strokes to each round.

## Hotel Kenmore Barber Shop

490 Commonwealth Ave.

WHERE TECH MEN GO

# SOCER TEAM LOSES TO HARVARD 1-0

## SOCER GAME WITH NORTHEASTERN HAS BEEN FORFEITED

**Two Men Who Played on Team Were Ineligible as They Had College Degrees**

## OPPONENTS PRAISE ACTION

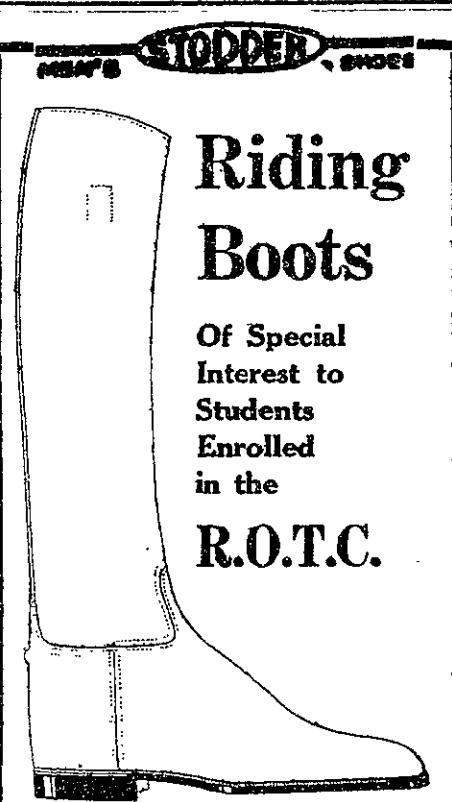
President Frank Palmer Speare of Northeastern University recently made public the fact that the Technology Advisory Council on Athletics wrote to him forfeiting the soccer game of October 10 which was won by the Beavers 1 to 0. The game was forfeited because of the fact that two of the Cardinal and Gray players were found to be ineligible.

In accepting the forfeiture President Speare paid a high tribute to the sportsmanship displayed by Technology in disclosing the fact that two men who played on the winning team were ineligible. This act while it lost the game for the Engineers showed the spirit of fair play which prevails in Institute athletics.

Dr. Allan W. Rowe, secretary of the Advisory Council on Athletics at Technology stated in his letter to Northeastern University: "There are two men who played on the Technology team against Northeastern, one having a bachelor's degree from Haverford College, and the other from the American University at Beirut. By our ruling, these men as holders of bachelors' degrees are ineligible to represent Technology on a team. They are candidates for the baccalaureate degree and because of this the manager assumed them to be eligible. I am writing to you, therefore, to explain the situation, to offer our sincere apology and expression of regret and to forfeit the game played with your Institution. I beg that you will transmit this information to your athletic representatives and see that on your records the game is entered as having been won by Northeastern."

## BOAT CLUB BANQUET

Tickets for the initiation banquet of the Boat Club next Tuesday night will be on sale to members in the Main Lobby on Thursday and Friday of this week.



### Riding Boots

Of Special Interest to Students Enrolled in the

R.O.T.C.

A special at.....\$19.00  
An English type at...\$27.00  
Top Grade.....\$35.00

**Field Boots**  
Imported—Made in \$25.00  
England .....  
Extra Plump—Norwegian Grain....\$28.00

## Accessories

Spurs - Chains - Garter Straps  
Boot Jacks - Boot Hooks  
You May Take Advantage of Your  
12½% College Discount  
From These Prices

**COD—STODDER**  
MADE IN—GENERAL STORES

## CREWS TO CONTINUE MORNING PRACTICE

Although the Varsity crews have been given a short lay-off by coach Haines several freshman eights are taking advantage of the present good weather to get in a lot of rowing. Yesterday morning under the supervision of Bill Haines, three crews were on the river and had a good workout, in spite of a choppy breeze which was blowing across the Charles.

The coaches intend to keep the shells out until they are driven from the river by the cold weather, for Bill Haines believes that good oarsmen are developed only through constant rowing in a shell; although he does not discount the value of practice on the machines for developing correct form.

All freshmen who have substituted crew for P. T. should see Manager Ed Hawkins at the boathouse as soon as possible, and make out a roll-card. The program of indoor practice for the yearlings includes three twenty-minute workouts a week on the machines. Attendance will be checked up and absences must be made up by attending the regular P. T. classes in Walker gym.

## Harriers to Meet Northeastern in Practice Event

**Freshmen Will Race Quincy High Team—Two Handicap Track Meets Scheduled**

Now that Field Day is over, the activities about the trackhouse are limited mainly to track and cross-country alone. Many new freshman faces are appearing daily, as the yearlings come out to substitute track for Physical Training. As usual a larger number have signed up for track this year than for any other sport.

There will be a practice meet for the cross-country team with Northeastern at Franklin Park, Saturday afternoon. This will provide a fairly easy workout in preparation for the New England intercollegiates which will come the following week. At the same time the freshman team will hold a similar practice meet with Quincy High School as their guests.

### Handicap Meet Saturday

The teams are in fine condition now and have high hopes for the New Englands. Mitchell, who furnished the surprise of the meet last Saturday by finishing second among the runners from M. I. T. as he ran without a number, is improving daily. He should be back in his old form before the end of the week. Green, who did a similar thing in the freshman race, will wear a number in future events.

### Fahey Star of Game

In preparation for the winter track season Coach Oscar Hedlund has arranged for two handicap meets before the out-door season closes. The first will be held on Tech Field Saturday afternoon, and will be a strictly handicap affair, open to everyone. It will serve to give the coach an idea of the ability of his men and help him to form plans for the year's work.

The probable list of events is as follows:

80-yard dash, 175-yard dash, 660-yard run, 3/4-mile run, High jump, Broad jump, Shot put, and Discus.

The second meet will be held on the following Saturday, November 17. It will be the annual Fall Handicap Meet, the last one before the track squad retires to the board track for the winter. Liberal handicaps will be given to the new men, and they are all urged to sign up as soon as possible.

### "P. T." McCarthy Has Many a Laugh Coming

Although 351 freshmen showed that they were anxious to avoid the dreaded P. T. that has earned a none enviable reputation for Mr. Henry Patrick McCarthy, its sponsor, a large percentage of number have as yet failed to put in an appearance at their chosen sport.

In the "good old days" when Seniors were freshmen such indifference was not a very serious matter as "cuts" could be made up by attending extra practice periods in the sport for which a man had signed up. But times have changed and the yearlings who choose to cut their sports periods will pay the fiddler later to the tune of McCarthy's 1-2-3-4 in Walker Gym. "He who laughs last laughs best" and McCarthy has had many a hearty laugh in the past at the expense of a poor unsophisticated freshman.

## CRIMSON BOOTERS TRIM ENGINEERS

**Strong Wind Proves Big Handicap to Both Teams—Final Score 1-0**

Harvard's soccer team just managed to nose out a one to nothing victory from the Engineers in a game played on Soldiers Field yesterday afternoon. A high wind was blowing and this greatly handicapped both of the teams. The only score came in the second period as a result of a scrimmage in front of the Cardinal and Gray's goal.

W. D. Vogel, an inside right was the man who scored the goal for the Crimson. Harvard has a very good defense, but their offense was severely handicapped due to the high wind. This made it practically impossible for either team to do any passing as the ball could not be controlled.

### Teams Preparing for New England

Captain Fahey was the leading player of the game and did some exceptionally good defensive work. As usual the backfield combination of Hawkins, Riehl, Kim and Fahey were up to their old style and did a great deal toward repelling the Crimson attacks.

### LIN-E-UP

M.I.T. O	Harvard 1
Wyman, g.	g. Faude
Hawkins, i.f.	i.f. Desroches
Riehl, r.f.	r.f. Stollmeyer
Cooper, l.h.	l.h. Rudd
Kim, c. h.	c. h. Booth
Fahey, r.h.	r.h. Brand
Delahanty, o.i.	o.l. Grover
Gutierrez, i.i.	i.l. Carrigan
Kashemanta, c.f.	c.f. Kerness
Youngson, i.r.	i.r. Vogel
Vibul, o.r.	o.r. Bodde

## Wrestling Team In First Workout

**Varsity Elects Der Marderosian Captain—39 Men Report Monday Night**

At the first workout of the wrestling squad Monday, 19 freshmen and 20 Varsity men showed up, and from first appearances the freshman squad looked very good. Practice began Monday and will be held every Monday, Wednesday, and Friday from 5 to 6:30 o'clock. The unlimited and 175 pound classes are sadly lacking in material and all men weighing 175 or over are urged to come out, as their chances of making the team are very good. There is only one man in the 175, and none in the unlimited.

Coach Green who has been with the wrestling team for several seasons is back again this year, and promises a good team for the coming matches, which will take the squad all over New England.

The present schedule for the Varsity calls for eight meets, six of which are out of town. These include Syracuse, Brooklyn, New York, Springfield, New Haven, and Providence. Those at home are with Harvard, and Tufts.

At Monday's meeting Der Marderosian was elected captain of the Varsity team for the coming season. Der Marderosian wrestles in the 135 pound class, and made an excellent showing in his matches last year winning his bout in the Tufts meet and holding his Harvard opponent to a draw.

## BOXING PRACTICE IS NOW IN FULL SWING

With a turnout of over 30 freshman candidates, the first practice session of the boxing season started last Monday night at the Hangar gym. Evidences of a good season were shown at the workout as there seems to be a wealth of material in practically every class, the heavyweight class, usually the weak spot of the team, having about six men out this year.

The Varsity having lost only two men from last year's team, one in the heavyweight and one in the 126 pound class, appear to be much stronger than in former seasons, having several good prospects from this year's Sophomore class.

Practice will be held every Monday, Wednesday, and Friday, although Coach Tom Rawson will usually be around the gym each night to help the Varsity men.

### Dress Clothes FOR HIRE

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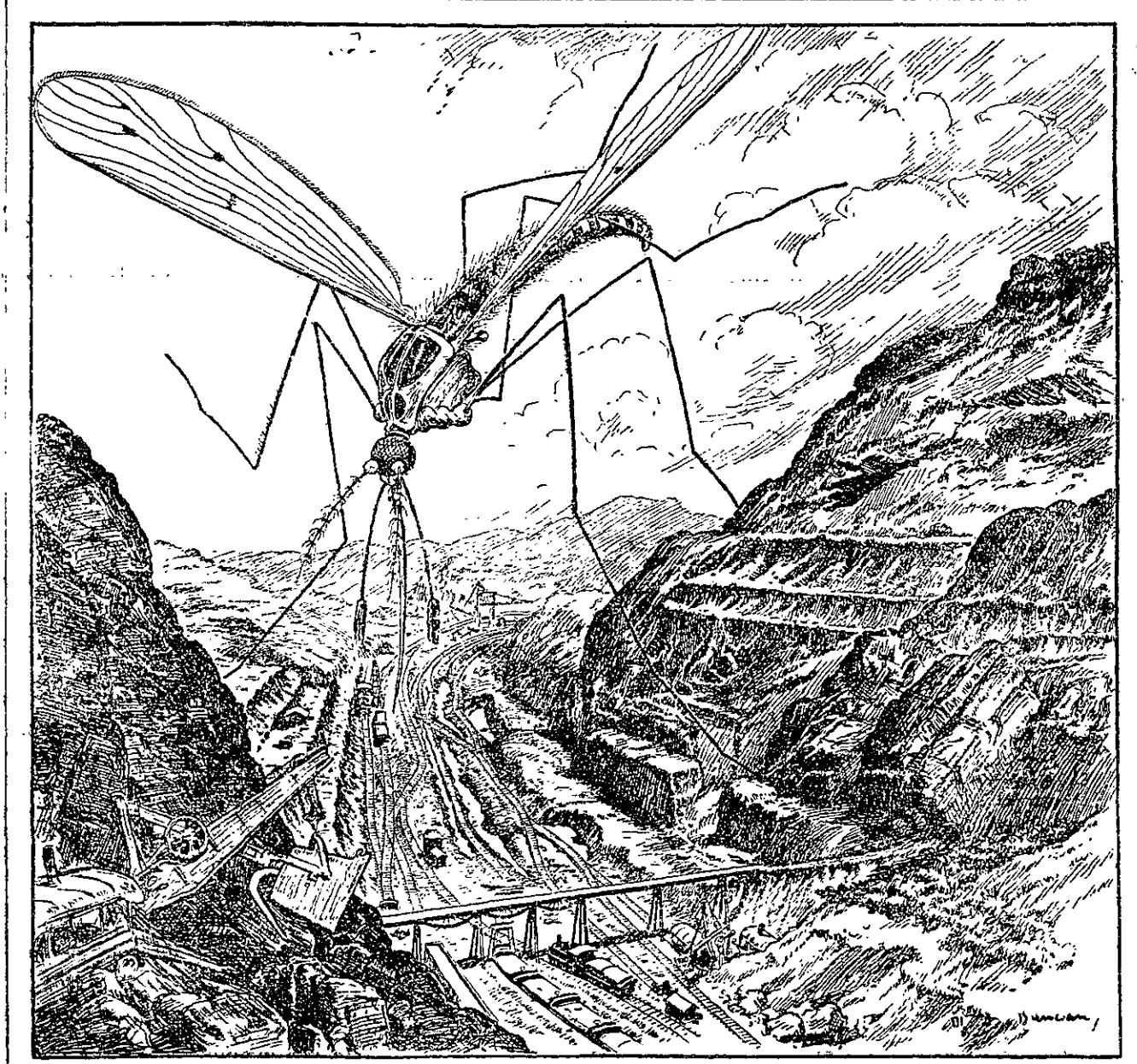
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OUR PIONEERING WORK HAS JUST BEGUN"

## Professor Franklin Proposes Method To Tame Devastating Florida Storms

Would Explode Huge Charges of Powder to Dispel Hot Air in Path

"It has often been said that the two things that man is unable to control are a woman's mind and the weather. Professor William S. Franklin of the Physics Department of Technology, however, would attempt to do something about the latter."

"We have terrible hurricanes in Florida every few summers and I believe there is a good possibility of our being able to tame them. We know what causes them and know when they're coming—storm warnings were posted at least three days before the last one ripped its way through Palm Beach and so why don't we do something about it?"

Mark Twain once said, "Everyone talks about the weather but nobody does anything about it." Professor Franklin, however, does not merely intend to talk about it as he proposes a plan to help control these storms which devastate our country. In short, the main points of his plan are as follows:

### Florida Prey to Storm

Florida summer weather is very conducive to atmospheric conditions that breed storms. The lower strata of air is much warmer and moister than the upper area. As warm air naturally tends to rise, and is just waiting for an opportunity to do so, the least disturbance in the upper strata sends it whirling upwards.

Very often the spark that starts the storm is in some far distant place. Some have originated over the Gulf of Mexico, others in the West Indies where the last storm began. With what little impetus it has gained, the storm rushes northward into this hot area. The hot air which is from 200 to 300 miles wide is drawn into the path of the on-rushing fury and is whirled upward into the cold air above.

Professor Franklin intends to steal the storm's thunder, both figuratively

and literally. By means of immense explosions of gun powder in selected and well-separated places, the hot air would be started on its upward journey before the storm reached Florida. This would not only protect Florida from devastation but other parts as well for the storm would have no hot air to feed on and would die out.

### No Machinery Ready

"Please don't think that I have the machinery all designed and constructed to put this idea into effect," warned Professor Franklin. "In fact I have made no experiments and do not know if the plan is at all practical. But it does seem reasonable and I have written to the United States weather bureau about it."

"I have asked the bureau to investigate more thoroughly meteorological conditions in Florida and see if it is possible for us to make artificial storms. By means of weather kites and balloons, they should be able to discover the temperatures and humidity at various heights up to 10,000 feet or more.

"Then they should be able to tell what amount of energy would be needed to start an upward rush of air. If a million tons of gunpowder were needed to create sufficient energy, well, then it would hardly be worthwhile, for the gunpowder would cost more than the damage of the greatest storm."

### RADIO CLUB MAKES PLANS FOR FUTURE

Tentative plans for the coming year were discussed at a meeting of the Radio Society in Room 10-200 at 5 o'clock on Monday. It is expected that the station will be moved to its new location in the early future.

Three transmitters will be placed in operation as soon as possible. A 250 watt, 500 cycle transmitter will be used for 20 meter communication, a 100 watt d. c. transmitter will operate on the 40 meter band, and a 250 crystal controlled set will be used for amateur and army communication on the 80 meter band. The latter set is supplied by a motor generator.

Albert E. Cullem, Jr. '31, was elected as president of the society for the coming term. John N. Dwyer '31, and John J. Hollywood '31, were elected as vice president and secretary-treasurer, respectively.

### NOTICES

#### BOOK EXCHANGE

T. C. A.'s Book Exchange requests that all men having money due them from books that have been sold, call for same either today or tomorrow.

#### TECHNIQUE SIGN-UPS

There will be a desk maintained in the Main Lobby for Seniors to make appointments for Technique pictures, throughout the week. The photographer will be here on Thursday morning prepared to take pictures.

#### A. A. COMPETITION

Any Sophomores interested in trying out for the position of Treasurer of the M. I. T. A. A. are to leave their names and phone numbers with Edward A. Yates '29 or with Miss Dennison in the A. A. office as soon as possible.

## T.C.A. Drive Nets About \$1500 For First Day's Work

All Free Lancers Are Requested to Notify Office of Daily Returns

### WORKERS HEAR PRESIDENT

(Continued from page one)

est on the list with a score of 6.2 with 10 as perfect. The Kappa Sig came next with a score of 4.8. Judson Biehle '27, the "Tech in Turkey" representative, is a member of the above mentioned fraternity.

Many students are availing themselves of the opportunity to make their pledges payable through the Bursar's office, on their next ter's bill. This method is believed to be more convenient for the undergraduates to contribute a greater sum of money.

In order to raise the necessary quota, \$2,260 must be donated by the undergraduates during the rest of the campaign, which will last until 6 o'clock on Friday.

#### Request All Men to Report

All free lancers and Drive men are requested to either phone or to make personal reports to the T. C. A. office daily concerning the amount of money and pledges that they have received. This is necessary if the graph is to be kept entirely up to date.

Graphs indicating the amount of money that has been subscribed or pledged to the T. C. A. will be posted daily in the Main Lobby in order to permit the undergraduates to follow the results of the campaign.

President Samuel W. Stratton spoke to the men connected with the Drive at a meeting in Room 4-237 at 5 o'clock on Monday.

**T. C. A. Assists Many Students**  
Among the various projects of the T. C. A. that aid the students, are included the Employment Bureau, the Freshman Camp, the Room Registry, Conferences, Book Exchange, Foreign student work, Freshman Work, the Freshman handbook, Church Relations, Boys Work, and Jail Work.

This year Freshman Camp cost the T. C. A. two dollars for every freshman that attended. The upper classmen's entire expenses were paid by the association.

It is hoped that this year's Drive will go over the top and that every man will contribute his utmost. Letters will be sent to all students who have not subscribed giving them an opportunity to assist in helping the T. C. A.

### Radio Station Of Institute Hears Giant Dirigible

Communication from Zeppelin Given to Newspapers by Operators

Radio Station W-IXV, provided for the use of the Institute by an endowment of Colonel E. A. R. Green, picked up the calls from the Graf Zeppelin both when the dirigible was coming to this country and just recently when it left. Colonel Green, himself an ardent radio fan and research engineer, gave the station to the Institute about two years ago for experimental work with short waves.

Operators at the station first picked up the dirigible when the giant ship was battling a storm off the Bermudas. The station kept in touch with the transatlantic airship until it reached shore. Reports and communications were furnished to the Press Associations by the operators. Monday when the dirigible started back for Europe reports were received as it sailed up the coast. A few hours later the signals faded away.

The station was given primarily for the purpose of investigation of the strange action of short waves. One of the most unusual of these is "skip distances." This phenomena is being investigated here. Research is being made on "fading" which is one of the greatest bugbears to reception. Cut-off wavelengths, arrangements of transmitting antennae, and other important problems are also under investigation.

### HUNTER ROOSE ATTENDS MEETING

Technology's chapter of Chi Epsilon, honorary scholastic fraternity among engineering colleges, will be represented by Hunter Rose, '29, Editor of THE TECH at the National Convention of the fraternity at the University of Wisconsin, Madison Wis.

## Dewey Back After Railroad Inquiry

Fact Finding Commission Gives Report of Conditions to President

Professor Davis R. Dewey of the Department of Economics, recently returned from the Fact Finding Commission, which was appointed by the President Coolidge, to investigate and report upon the causes of the railway dispute of the railroads of the Western District.

Conductors and trainmen on the Western District Railroads wanted an increase in wages and a change in one of the rules. The railroads agreed to grant a raise not equal to that demanded but would not agree to a change in the rules. In return they desired to change another rule.

Disputes lead to a deadlock. The Railroad Labor Act of 1926, provides that all railroad disputes be settled by mediation if possible. If this means is unsatisfactory, arbitration should be resorted to if both parties agree. The conductors and trainmen refused to arbitrate.

#### President Appoints Board

If both of the above means fail, the President of the United States shall appoint a Labor Board to investigate the causes and report upon same. The board is allowed 30 days to conduct the investigations. Neither party can break off operations for 30 days after the submitting of the report to the President, thereby giving the government 60 days to settle the dispute.

There were five persons on the Commission, which was appointed about the first of October. The members of the board were: Mr. George T. Baker of Iowa, a retired Civil Engineer; Professor Davis R. Dewey of the Department of Economics; Mr. James R. Garfield, former Secretary of the Interior; Mr. Chester H. Rowell an editor of Berkeley, California, and Chief Justice Walter P. Stacy of the Supreme Court of North Carolina.

### PAUL HAZARD BEGINS LECTURES IN FRENCH

Professor Starts Lecture Series on Eighteenth Century Reactionism

Professor Paul Hazard of the College of France began a series of lectures in French on "La Sensibilité Francaise au Dix-huitième Siècle" in Huntington Hall last night at 8 o'clock. His subject was "La Tradition Rationaliste en France; Premiers Indicis de Reaction."

This series is given under the auspices of Lowell Institute and is open to the public without charge. Tickets may be procured by applying by mail to the Curator of Lowell Institute, 491 Boylston Street, Boston, and enclosing one stamped addressed envelope for each ticket desired.

Further lectures in the series are: Friday, November 9—"Le Dix-huitième Siècle en Mouvement: Voyages et Cosmopolites"; Tuesday, November 13—"Les Influences et les Sentiments du Pothetique"; Friday, November 16—"Jean Jacques Rousseau et la Contagion du Sentiment"; Tuesday, November 20—"L'Illuminisme"; and Friday, November 23—"Le Triomphe de la Sensibilité."

### FALES IS SPEAKER AT S.A.E. MEETING

Auto Engineering Society Plans its First Lecture

Professor Dean A. Fales '14 of the Department of Mechanical Engineering will talk to the Society of Automotive Engineers on the subject of the newly-developed single sleeve internal combustion engine on Friday. This talk will be the occasion of the first meeting of the society this fall, Room 3-270 having been reserved for the lecture.

Professor Fales' talk will be illustrated by lantern slides and will be the first opportunity Technology men will have of hearing the principles of the new engine explained to them. During the development by Mr. G. A. Fales, for whom it is named, Professor Fales was constantly in active connection with the proceedings, acting frequently in an advisory capacity. The meeting will not be limited to members of the Society, all others being cordially invited.

## Civil Engineers to Meet Tonight

Mr. Rollins Will Address Civil Engineering Society at Supper Tonight

Mr. James W. Rollins '78 will address the first meeting of the Civil Engineering Society tonight, on the subject of Deep Water Bridge Foundations. The affair will begin at 6 o'clock with a supper in the North Hall of Walker.

Mr. Rollins is well qualified to speak on this subject having had more than fifty years experience in the field of engineering. His talk will be instructive as well as entertaining and will contain a discussion of various problems concerning bridge building. His speech will be well illustrated with lantern slides.

The supper will be followed by smokes and music. The one holding the lucky number at the supper will receive a handsome ivory set of Engineers and Architects scales. The price of the supper for members of the Civil Engineering Society will be 35 cents. This will be an opportunity for all non-members to join the Civil Engineering Society.

### MATHEMATICS CLUB MEETING IS TODAY

Mr. Raymond D. Douglass Will Speak on the Slide Rule

Beginning their schedule of regular weekly meetings, the Mathematics Club will convene today at 8 o'clock in the evening, in the Faculty Reading Room in Walker Memorial. Mr. Raymond D. Douglass of the Mathematics Department will speak on the Slide Rule.

This meeting is planned to be particularly interesting to freshmen who are not as yet acquainted with the inevitable "slip stick." Mr. Douglass will explain the use of the instrument emphasizing the many little tricks that can be used to such good advantage. All students interested are cordially invited to attend.

### ENGINEERING CLASS SEES AUTO BODY CO.

Students Stop at Haverhill to See Home of Whittier

Members of the class in Manufacturing Processes visited three plants Friday, November 2. The factory of the Biddle & Smart Co., the Aga Lamp Co., and the Walker Body Company at Amesbury, Mass. About seventeen students under Mr. Arthur B. English made the trip.

At the Aga Lamp Co. the visitors had a chance to see the relatively new process of chromium plating. In the other two factories where the bodies of the Hudson and Franklin cars are made the many steps in their manufacture were seen.

The trip was made by automobile and a stop was made at Haverhill to visit the home of John Greenleaf Whittier.

### JOIN THE AREO CLUB AND LEARN TO FLY

(Continued from Page One)

mittee as an undergraduate organization. Later, however, it was, and within a short time became one of the strongest Clubs on the campus. It is for the purpose of carrying on this Flying Club that the officers urge a large number of men to attend this meeting and to join as members for the coming year.

#### JOHN SPANG

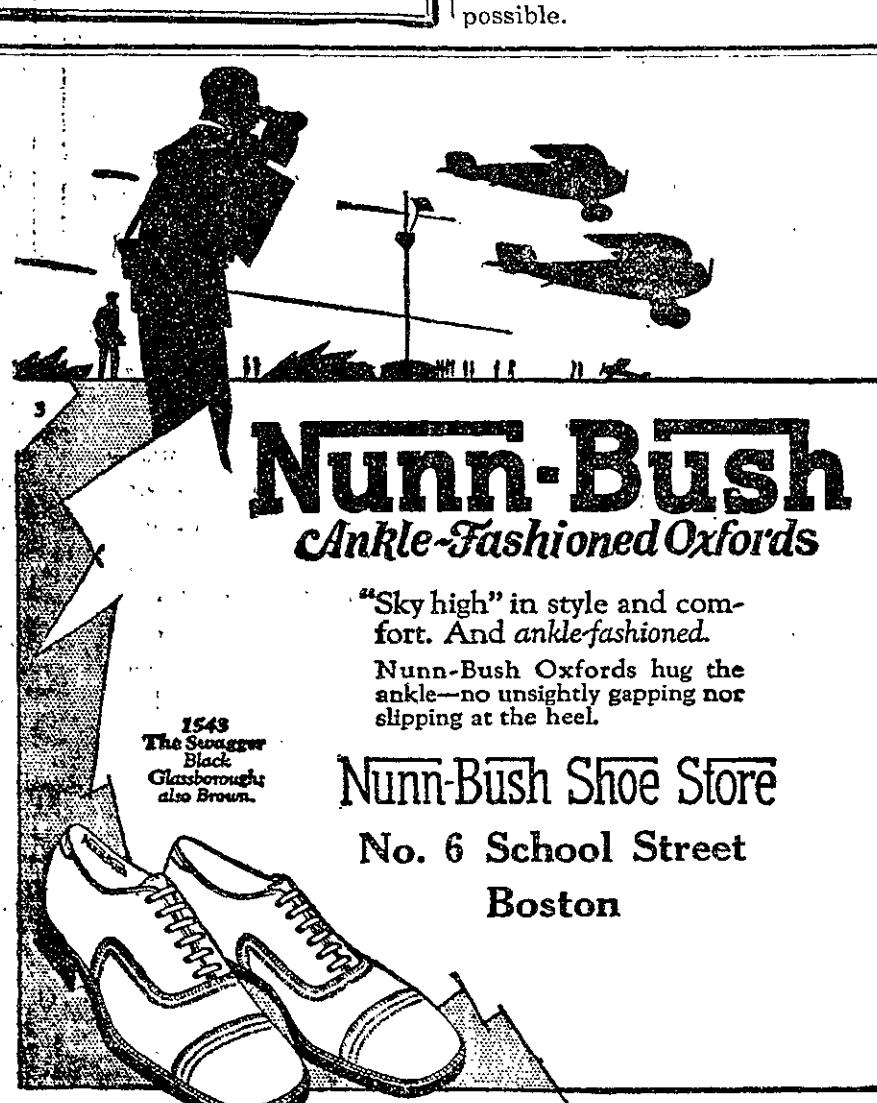
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